

## Appendix A: Field Survey Form Developed for 2003

### TAHOE YELLOW CRESS (*Rorippa subumbellata*) FIELD SURVEY FORM

Survey date: \_\_\_\_\_  
Surveyor: \_\_\_\_\_ Affiliation: \_\_\_\_\_  
Email: \_\_\_\_\_ Telephone: \_\_\_\_\_

#### **LOCATION** (attach copy of quad map showing boundaries and pictures taken)

Site name: \_\_\_\_\_ Site code # (NNHP) \_\_\_\_\_  
USGS quad: *S. Lake Tahoe Emerald Bay Meeks Bay Homewood Tahoe City Kings Beach Marlette Lake Glenbrook*  
County: *El Dorado Placer Washoe Carson Douglas* Site ownership: \_\_\_\_\_  
Best access: \_\_\_\_\_

GPS Coordinates taken: (UTM NAD 27, Zone 11) – be specific about where coordinates are from (centroid, endpoints, etc.)

Easting: \_\_\_\_\_ Northing: \_\_\_\_\_ Location: \_\_\_\_\_  
Easting: \_\_\_\_\_ Northing: \_\_\_\_\_ Location: \_\_\_\_\_  
Easting: \_\_\_\_\_ Northing: \_\_\_\_\_ Location: \_\_\_\_\_  
Easting: \_\_\_\_\_ Northing: \_\_\_\_\_ Location: \_\_\_\_\_  
Easting: \_\_\_\_\_ Northing: \_\_\_\_\_ Location: \_\_\_\_\_

**TYC Present?** Yes No **Actual Number of Plants:** \_\_\_\_\_ **or Estimated Plants:** \_\_\_\_\_

Previous plant occurrence? Yes No Date plant last observed: \_\_\_\_\_  
Amount of person minutes spent in search? \_\_\_\_\_

Actual Number or Estimated Percentage in each phenological stage (circle one)			
Juvenile: _____	Senescent: _____	Flowering: _____	Fruiting (may also be flowering): _____
Min. Rosette Diameter (cm): _____		Max. Rosette Diameter (cm): _____	

#### **PHYSICAL ATTRIBUTES**

Elevation: _____	substrate / soils (relative cover w/in 0.3 meter): _____
Lake level on day of survey (USGS Station 10337000): _____	_____ % sand (<2 mm)
Slope: 0-10% >10%	_____ % gravel (0.2-6.4 cm)
Distance between lake water line and closest plant (m): _____	_____ % cobble (6.4-25.6 cm)
Sketch beach profile: _____	_____ % small boulder (25.6-51.2 cm)
	_____ % med-large boulder (>51.2 cm)
	_____ % other (silt, wrack)

#### **BIOLOGICAL ATTRIBUTES**

Associated vegetation:			Common associates:	
% Cover	Name	% Cover	Name	% Cover
_____	_____	_____	Spike-rush ( <i>Eleocharis</i> spp.)	_____ Willow ( <i>Salix</i> spp.)
_____	_____	_____	Sweet clover ( <i>Melilotus alba</i> )*	_____ Alder ( <i>Alnus incana</i> )
_____	_____	_____	Clover ( <i>Lotus purshianus</i> )	_____ Epilobium spp.
_____	_____	_____	Mullein ( <i>Verbascum thapsus</i> )*	_____ Sedge ( <i>Carex</i> spp.)
_____	_____	_____	Monkey flower ( <i>Mimulus primuloides</i> )	_____ Rush ( <i>Juncus</i> spp.)
_____	_____	_____	W. yellow cress ( <i>Rorippa curvisiliqua</i> )	_____ Dock ( <i>Rumex</i> spp.)

Non-native species in vicinity of TYC population? Yes No (If YES, add to above species list and % cover and identify w/ an \*)

#### **LAND USES and IMPACTS**

Cover of footprints within patch: <5% 5-25% 26-50% 51-75% >75%  
Note vegetation removal, trash, recreational impacts, vandalism and/or other impacts: \_\_\_\_\_  
Enclosure effectiveness: good fair poor Comment: \_\_\_\_\_  
Possible management actions and other notes: \_\_\_\_\_

(OVER)

### Additional GPS Coordinates:

[illegible]

**Additional Comments:**

This image shows a single sheet of white paper with horizontal black ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

